

## Title (en)

CQI transmission power control method and apparatus for wireless communication system supporting multi-cell HSDPA

## Title (de)

Verfahren und Vorrichtung zur Steuerung einer CQI-Übertragungsleistung für ein drahtloses Kommunikationssystem zur Unterstützung von mehrzellen-HSDPA

## Title (fr)

Procédé de commande de puissance de transmission CQI et appareil pour système de communication sans fil supportant le protocole HSDPA multicellulaires

## Publication

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## Application

**EP 13199708 A 20091124**

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## Abstract (en)

[origin: WO2010062099A2] A CQI transmission power control method is provided for transmitting CQIs of multiple cells is provided for a multi-cell HSDPA system in which multiple cells transmit packet data to a user equipment. A control information transmission method of a user equipment in a wireless communication system supporting multi-cell packet transmission service according to the present invention includes generating control informations indicating channel qualities of different cells; classifying the control informations into two control information groups according to a predetermined rule; compensating the control information groups for securing uniform reception performance at a base station; and transmitting the compensated control information groups to the base station.

## IPC 8 full level

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## Citation (search report)

- [XYI] SAMSUNG: "CQI transmission supporting dual-cell HSDPA", 3GPP DRAFT; R1-083292 DC-HSDPA-CQI, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Jeju; 20080825, 25 August 2008 (2008-08-25), XP050316696
- [YA] HUAWEI: "Discussion On the CQI report for Dual-Cell HSDPA", 3GPP DRAFT; R1-084180 DISCUSSION ON THE CQI REPORT FOR DUAL-CELL HSDPA, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Prague, Czech Republic; 20081105, 5 November 2008 (2008-11-05), XP050317472
- [XYI] SAMSUNG: "CQI and ACK/NACK transmission supporting dual-cell HSDPA", 3GPP DRAFT; R1-083562 DC-HSDPA HS-DPCCH, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Prague, Czech Republic; 20080924, 24 September 2008 (2008-09-24), XP050316925

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## DOCDB simple family (application)

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